

**What is claimed is:**

Sub  
a1)  
1. An echogenic device comprising a porous polymeric material that is at least a portion of a structural component of the device.

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2. The device of claim 1, wherein the porous polymeric material is preparable by providing a phase separated composition comprising a polymer and an extractable material, and extracting the extractable material from the composition.

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3. The device of claim 1 wherein the device is positionable within a medium.

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4. The device of claim 1 wherein the device is a medical device for insertion in human or animal tissue.

5. An echogenically enhanced medical device preparable by:  
providing a phase separated composition comprising a polymer and an extractable material;

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shaping the composition to form at least a portion of a structural component of the device; and

extracting the extractable material from the composition.

Sub  
25  
a2)  
6. A method for preparing an echogenically enhanced device, the method comprising:

providing a phase separated composition comprising a polymer and an extractable material;

shaping the composition to form at least a portion of the device;

and

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extracting the extractable material from the composition.

7. The method of claim 6 wherein the device is a medical device for insertion in human or animal tissue.

5 8. A method for preparing an echogenically enhanced medical device, the method comprising:  
providing at least a structural component of the medical device;  
applying a phase separated composition comprising a polymer  
and an extractable material to the structural component of the medical  
10 device; and  
extracting the extractable material from the composition.

9. A method for sonically imaging a device, the method comprising:  
providing a device having a porous polymeric material that is at  
15 least a portion of a structural component of the device;  
positioning the device in a sonic imaging beam; and  
generating an image of the device from the sonic imaging beam.

10. The method of claim 9 wherein the porous polymeric material is  
20 preparable by providing a phase separated composition comprising a polymer and an extractable material, and extracting the extractable material from the composition.

11. An echogenic device comprising a composition that is preparable  
25 by curing a polymer having porous particles therein by irradiation with ultraviolet light.

12. The device of claim 11 wherein the device is positionable within a  
medium.

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13. The device of claim 11 wherein the device is a medical device for insertion in human or animal tissue.

14. A method for increasing the echogenicity of a device, the method comprising:

providing a polymer that is curable by irradiation with ultraviolet light;

blending porous particles with the polymer to produce a composition that is curable by irradiation with ultraviolet light;

shaping the composition to form at least a portion of the device;

and

curing the composition by irradiation with ultraviolet light.

15. The method of claim 14 wherein the device is a medical device for insertion in human or animal tissue.

Sub (3) 16. A method for preparing an echogenically enhanced device, the method comprising:

providing at least a structural component of the medical device;

providing a polymer that is curable by irradiation with ultraviolet light;

blending porous particles with the polymer to produce a composition that is curable by irradiation with ultraviolet light;

applying the composition to the structural component of the medical device; and

curing the composition by irradiation with ultraviolet light.

17. The method of claim 16 wherein the device is a medical device for insertion in human or animal tissue.

18. A method for sonically imaging a device, the method comprising:  
providing a device comprising a composition that is preparable by  
curing a polymer having porous particles therein by irradiation with  
ultraviolet light; and  
5 generating an image of the device from the sonic imaging beam.

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